

**Flood Control Project Maintenance
Levee Inspections****LMA District Cover Sheet****Spring 2016 Levee Inspection Results****Reclamation District No. 0307 Lisbon**

| | Spring (March - May) | Summer ** (June - August) | Fall (September - November) | Winter ** (December - February) |
|----------------------------------|-------------------------|------------------------------|--------------------------------|------------------------------------|
| * Overall LMA Rating (Fall Only) | | | | |

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2016 Levee Inspection Results

Reclamation District No. 0307 Lisbon

| Waterway | | | Bank | Unit Miles |
|--|-------------------------|---------------------------|--------------------------------|---------------------------------|
| Unit No. 01 Sacramento River | | | Right | 6.56 |
| | Spring (March - May) | Summer (June - August) | (September - November) Fall | Winter (December - February) |
| Unit Maintenance Rating (Fall Only) | | | | |
| Date of Inspection | 3/17/2016 - 3/17/2016 | | | |
| DWR Inspector | Herman Phillips | | | |
| Accompanied By | Pete Dwyer RD 307 | | | |

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0307 Lisbon

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Sacramento River | Right | 6.56 | 03/17/2016 03/17/2016 | Herman Phillips |

| | | | | | |
|------------------------------------|----------------------------------|--------------|------------------------|------------|----|
| LM Start | | Rating ** | A | Issue No. | 34 |
| LM End | | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Operations & Maintenance Manuals | | | ° | ° |
| | | | | ° | ° |
| DWR ID | DWR_RD0307_01_f_2014_34 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| RD 307 has the O&M Manual on hand. | | | | | |

No Photos

| | | | | | |
|--|--------------------------------|--------------|------------------------|------------|-----|
| LM Start | | Rating ** | A | Issue No. | 35 |
| LM End | | Issue Type + | Ma | Location * | N/A |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Emergency Supplies & Equipment | | | ° | ° |
| | | | | ° | ° |
| DWR ID | DWR_RD0307_01_f_2014_35 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| The District according to Mr. Pete Dwyer, is part of the Delta Emergency plan where supplies are kept in a central location that they can gain access to if and when needed. | | | | | |

No Photos

| | | | | | |
|--|-------------------------------|--------------|------------------------|------------|-----|
| LM Start | | Rating ** | M | Issue No. | 36 |
| LM End | | Issue Type + | Ma | Location * | N/A |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Flood Preparedness & Training | | | ° | ° |
| | | | | ° | ° |
| DWR ID | DWR_RD0307_01_f_2014_36 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| RD 307 hasn't been to any recent training classes. | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0307 Lisbon

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 01 Sacramento River | Right | 6.56 | 03/17/2016 03/17/2016 | Herman Phillips |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | M | Issue No. | 82 |
| LM End | 0.63 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.480015 ° | 38.474237 ° |
| | | | | -121.549507 ° | -121.540630 ° |
| DWR ID | DWR_RD0307_01_s_2016_82 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| Control the weeds on the landside slope. | | | | | |

Photo 1 of 1 : SP_2016_RD0307_166_82_20160321_00094.jpg



Looking downstream from levee mile 0.00 landside shoulder.

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | M | Issue No. | 56 |
| LM End | 0.63 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.480015 ° | 38.474237 ° |
| | | | | -121.549507 ° | -121.540630 ° |
| DWR ID | DWR_RD0307_01_s_2016_56 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| Control the weeds on the waterside slope. | | | | | |

Photo 1 of 1 : SP_2016_RD0307_166_56_20160321_00093.jpg



Looking downstream from levee mile 0.00 waterside shoulder.

| | | | | | |
|-------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.15 | Rating ** | M | Issue No. | 57 |
| LM End | 0.15 | Issue Type + | En | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.478460 ° | 38.478460 ° |
| | | | | -121.547633 ° | -121.547633 ° |
| DWR ID | DWR_RD0307_01_s_2016_57 | | | | |
| Comment Code | | | | | |
| DE : Debris | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|-----------------|----------------------|--------------------------|---|-----------------------------------|--|
| * Location | | ** Rating | | + Issue Type | |
| LS : Land Side | N/A : Not Applicable | A : Acceptable | N : Not Inspected/Rated | Ma : Maintenance Deficiency | |
| WS : Water Side | | M : Minimally Acceptable | C : Corrected | Ob : Design & System Obsolescence | |
| CR : Crown | | U : Unacceptable | A/W : Acceptable but Monitor & Maintain | En : Enforcement | |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0307 Lisbon

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Sacramento River | Right | 6.56 | 03/17/2016 03/17/2016 | Herman Phillips |

| | | | | | |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | 0.45 | Rating ** | U | Issue No. | 113 |
| LM End | 0.45 | Issue Type + | En | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.475542 ° | 38.475542 ° |
| | | | | -121.543566 ° | -121.543566 ° |
| DWR ID | | | | | |

Comment Code

Inspector Comment

FS_ID:42934
DS_ID:21657
EP_NO: N/A
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: Pipe heavily corroded and will likely need replacement if 15-inch pipe sleeved through it needs replacement. Annular space not grouted between two pipes.
FIELD_STRUCT_DESC: 20-inch steel irrigation pipe through the levee 16.7 feet below the crown. 15-inch pipe sleeved through this pipe. Pump missing from abandoned steel pier on WS toe. Walkway from shoulder to pier missing or abandoned. Originally included in the 1959 O&M manual.
FS Date: 7/31/2013

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 0.45 | Rating ** | U | Issue No. | 113 (cont) |
| LM End | 0.45 | Issue Type + | En | Location * | WS |

Photo 1 of 2 : UCIP_SP_2016_42934_28733.jpg



Abandoned wakway and metal pier on WS slope.

Photo 2 of 2 : UCIP_SP_2016_42934_28732.jpg



Pipe at outlet on LS toe.

| | | | | | |
|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0307 Lisbon

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Sacramento River | Right | 6.56 | 03/17/2016 03/17/2016 | Herman Phillips |

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 0.45 | Rating ** | U | Issue No. | 83 |
| LM End | 0.45 | Issue Type + | En | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.475542 ° | 38.475542 ° |
| | | | | -121.543566 ° | -121.543566 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:16743 DS_ID:21656 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Pipe heavily corroded at outlet on LS toe. Holes on bottom of pipe at outlet and internal circumference shows heavy exfoliation. Pipe failing internally. Recommend replacement or video inspection before continuing use. FIELD_STRUCT_DESC: 1 of 2: 15-inch steel irrigation pipe sleeved through 21-inch steel conduit, through the levee 16.7 feet below crown. Slant pump, gate valve, concrete headwall, electrical control pane, and abandoned pier on WS slope. Concrete U-shaped outlet with flap gate on LS toe. Service pole on the landward slope with anchor. FS Date: 7/31/2013 9:44:32 AM | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 0.45 | Rating ** | U | Issue No. | 83 (cont) |
| LM End | 0.45 | Issue Type + | En | Location * | WS |

Photo 1 of 2 : UCIP_SP_2016_16743_28722.jpg



15-inch pipe sleeved through 21-inch pipe on WS slope at headwall.

Photo 2 of 2 : UCIP_SP_2016_16743_28721.jpg



Pipe, gate valve, pump, and abandoned metal pier on WS slope.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0307 Lisbon

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Sacramento River | Right | 6.56 | 03/17/2016 03/17/2016 | Herman Phillips |

| | | | | | |
|---|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.58 | Rating ** | M | Issue No. | 4 |
| LM End | 0.58 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.474533 ° | 38.474533 ° |
| | | | | -121.541470 ° | -121.541468 ° |
| DWR ID | DWR_RD0307_01_f_2014_4 | | | | |
| Comment Code | | | | | |
| EQ : Equipment | | | | | |
| Inspector Comment | | | | | |
| The land owner need to remove the equipment from the landside easement. | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.63 | Rating ** | U | Issue No. | 60 |
| LM End | 1.53 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.474237 ° | 38.473125 ° |
| | | | | -121.540625 ° | -121.524408 ° |
| DWR ID | DWR_RD0307_01_s_2016_60 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.92 | Rating ** | M | Issue No. | 5 |
| LM End | 0.92 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.472863 ° | 38.472863 ° |
| | | | | -121.535675 ° | -121.535675 ° |
| DWR ID | DWR_RD0307_01_f_2014_5 | | | | |
| Comment Code | | | | | |
| DE : Debris | | | | | |
| Inspector Comment | | | | | |
| Remove the discarded appliance from the levee section. | | | | | |

Photo 1 of 1 : SP_2016_RD0307_166_5_20160321_00095.jpg



Discarded appliance on the waterside slope.

| | | | | | |
|-----------------|----------------------|--------------------------|---|-----------------------------------|--|
| * Location | | ** Rating | | + Issue Type | |
| LS : Land Side | N/A : Not Applicable | A : Acceptable | N : Not Inspected/Rated | Ma : Maintenance Deficiency | |
| WS : Water Side | | M : Minimally Acceptable | C : Corrected | Ob : Design & System Obsolescence | |
| CR : Crown | | U : Unacceptable | A/W : Acceptable but Monitor & Maintain | En : Enforcement | |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0307 Lisbon

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 01 Sacramento River | Right | 6.56 | 03/17/2016 03/17/2016 | Herman Phillips |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.92 | Rating ** | U | Issue No. | 61 |
| LM End | 0.92 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.472895 ° | 38.472895 ° |
| | | | | -121.535525 ° | -121.535525 ° |
| DWR ID | DWR_RD0307_01_s_2016_61 | | | | |
| Comment Code | | | | | |
| PI : Pipe | | | | | |
| Inspector Comment | | | | | |
| This sand filter, power pole panel box and concrete slab all within the 10-foot easement. | | | | | |

Photo 1 of 1 : SP_2016_RD0307_166_61_20160321_00096.jpg



Sand filter, power pole and panel box within the 10-foot easement.

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 0.93 | Rating ** | M | Issue No. | 84 |
| LM End | 0.93 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.472872 ° | 38.472872 ° |
| | | | | -121.535542 ° | -121.535542 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:17103 DS_ID:24014 EP_NO: 18229 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe open on both ends. Need to install caps. FIELD_STRUCT_DESC: 2 of 2: 2-inch galvanized iron pipe through the levee 2.0 feet below the crown (Permit No. 18229, 2007). FS Date: 7/31/2013 | | | | | |

Photo 1 of 2 : UCIP_SP_2016_17103_29202.jpg



Conduit visible 2-feet below the crown on the LS shoulder.

| | | | | | |
|---|--|--|--|--|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|---|--|--|--|--|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0307 Lisbon

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Sacramento River | Right | 6.56 | 03/17/2016 03/17/2016 | Herman Phillips |

| | | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 0.93 | Rating ** | M | Issue No. | 84 (cont) | |
| LM End | 0.93 | Issue Type + | En | Location * | LS | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 38.472872 ° | 38.472872 ° | |
| | | | | -121.535542 ° | -121.535542 ° | |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:17103 | | | | | | |
| DS_ID:24014 | | | | | | |
| EP_NO: 18229 | | | | | | |
| Repair Type: Non-Urgent | | | | | | |
| Crossing Status: Found | | | | | | |
| UCIP Comments: Pipe open on both ends. Need to install caps. | | | | | | |
| FIELD_STRUCT_DESC: 2 of 2: 2-inch galvanized iron pipe through the | | | | | | |
| levee 2.0 feet below the crown (Permit No. 18229, 2007). | | | | | | |
| FS Date: 7/31/2013 | | | | | | |

Photo 2 of 2 : UCIP_SP_2016_17103_29201.jpg



Conduit visible under first step of walkway to pump on WS shoulder.

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 1.08 | Rating ** | M | Issue No. | 96 |
| LM End | 1.08 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.472870 ° | 38.472870 ° |
| | | | | -121.532750 ° | -121.532750 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:16764 DS_ID:21659 EP_NO: 8012 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe rusted through at outlet on LS of shutoff valve. This may be good indicator or corrosion throughout pipe. This is a good candidate for video inspection. FIELD_STRUCT_DESC: 1 of 2: 20-inch steel pipe through levee 7.4 feet below crown. Walkway from the waterward shoulder to pump on pile structure in stream. Distribution box and gate valve at toe of landward slope. Service pole on the landward side (Permit No. 8012, 1972). Originally included in the 1959 O&M manual. FS Date: 7/31/2013 | | | | | |

Photo 1 of 2 : UCIP_SP_2016_16764_28764.jpg



Pipe and JP/meter on LS slope.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0307 Lisbon

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Sacramento River | Right | 6.56 | 03/17/2016 03/17/2016 | Herman Phillips |

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 1.08 | Rating ** | M | Issue No. | 96 (cont) |
| LM End | 1.08 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.472870 ° | 38.472870 ° |
| | | | | -121.532750 ° | -121.532750 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:16764 DS_ID:21659 EP_NO: 8012 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe rusted through at outlet on LS of shutoff valve. This may be good indicator or corrosion throughout pipe. This is a good candidate for video inspection. FIELD_STRUCT_DESC: 1 of 2: 20-inch steel pipe through levee 7.4 feet below crown. Walkway from the waterward shoulder to pump on pile structure in stream. Distribution box and gate valve at toe of landward slope. Service pole on the landward side (Permit No. 8012, 1972). Originally included in the 1959 O&M manual. FS Date: 7/31/2013 | | | | | |

Photo 2 of 2 : UCIP_SP_2016_16764_28763.jpg



Pipe, gate valve, and concrete distribution box on LS toe.

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 1.08 | Rating ** | M | Issue No. | 97 |
| LM End | 1.08 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.472874 ° | 38.472874 ° |
| | | | | -121.532611 ° | -121.532611 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:16766 | | | | | |
| DS_ID:21660 | | | | | |
| EP_NO: 3324 | | | | | |
| Repair Type: Non-Urgent | | | | | |
| Crossing Status: Found | | | | | |
| UCIP Comments: Walkway completely obscured by vegetation on WS slope. | | | | | |
| FIELD_STRUCT_DESC: 1.25-inch electrical conduit through the levee 10.0 feet below the crown. Corrugated metal stage recorder house and walkway on the waterward slope. Service pole on the landward slope (Permit No. 3324, 1960). | | | | | |
| FS Date: 7/31/2013 | | | | | |

Photo 1 of 2 : UCIP_SP_2016_16766_28769.jpg



Metal walkway visible in brush on WS slope.

| * Location | ** Rating | + Issue Type |
|---|---|--|
| LS : Land Side WS : Water Side CR : Crown | A : Acceptable M : Minimally Acceptable U : Unacceptable | Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
| N/A : Not Applicable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0307 Lisbon

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 01 Sacramento River | Right | 6.56 | 03/17/2016 03/17/2016 | Herman Phillips |

| | | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 1.08 | Rating ** | M | Issue No. | 97 (cont) | |
| LM End | 1.08 | Issue Type + | En | Location * | LS | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 38.472874 ° | 38.472874 ° | |
| | | | | -121.532611 ° | -121.532611 ° | |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:16766 | | | | | | |
| DS_ID:21660 | | | | | | |
| EP_NO: 3324 | | | | | | |
| Repair Type: Non-Urgent | | | | | | |
| Crossing Status: Found | | | | | | |
| UCIP Comments: Walkway completely obscured by vegetation on WS slope. | | | | | | |
| FIELD_STRUCT_DESC: 1.25-inch electrical conduit through the levee 10.0 feet below the crown. Corrugated metal stage recorder house and walkway on the waterward slope. Service pole on the landward slope (Permit No. 3324, 1960). | | | | | | |
| FS Date: 7/31/2013 | | | | | | |

Photo 2 of 2 : UCIP_SP_2016_16766_28768.jpg



Metal walkway visible in brush on WS slope.

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.10 | Rating ** | M | Issue No. | 62 |
| LM End | 1.13 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.472878 ° | 38.472867 ° |
| | | | | -121.532365 ° | -121.531797 ° |
| DWR ID | DWR_RD0307_01_s_2016_62 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0307 Lisbon

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Sacramento River | Right | 6.56 | 03/17/2016 03/17/2016 | Herman Phillips |

| | | | | | |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.10 | Rating ** | M | Issue No. | 7 |
| LM End | 1.12 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.472882 ° | 38.472867 ° |
| | | | | -121.532300 ° | -121.531983 ° |
| DWR ID | DWR_RD0307_01_f_2014_7 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| Bambo on waterside slope and shoulder, spray after cutting. | | | | | |

No Photos

| | | | | | |
|-------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.16 | Rating ** | M | Issue No. | 63 |
| LM End | 1.17 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.472857 ° | 38.472878 ° |
| | | | | -121.531120 ° | -121.530997 ° |
| DWR ID | DWR_RD0307_01_s_2016_63 | | | | |
| Comment Code | | | | | |
| DE : Debris | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|----------------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.17 | Rating ** | M | Issue No. | 1 |
| LM End | 1.31 | Issue Type + | Ma | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | 2015 USACE Erosion Survey, DRAFT | | | 38.473059 ° | 38.473082 ° |
| | | | | -121.530988 ° | -121.528437 ° |
| DWR ID | DWR_RD0307_01_s_2016_1 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| 2012 - Bank is slowly eroding, old rock protection starting to unravel. | | | | | |
| 2015: No observed changes. [2015 Site ID: SAC_48-6_R] | | | | | |

Photo 1 of 1 : SP_2016_RD0307_166_1_20160223_00001.jpg



USACE 2013 Photo #1

| | | | | | |
|---|--|--|--|--|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|---|--|--|--|--|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0307 Lisbon

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Sacramento River | Right | 6.56 | 03/17/2016 03/17/2016 | Herman Phillips |

| | | | | | |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.29 | Rating ** | U | Issue No. | 9 |
| LM End | 1.29 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.472827 ° | 38.472827 ° |
| | | | | -121.528785 ° | -121.528785 ° |
| DWR ID | DWR_RD0307_01_f_2014_9 | | | | |
| Comment Code | | | | | |
| TR : Tree or limb | | | | | |
| Inspector Comment | | | | | |
| I have instructed the RD to schedule with his contractor to cut this tree up and have it removed from the levee section. | | | | | |

Photo 1 of 1 : SP_2016_RD0307_166_9_20160223_00004.jpg



This tree needs to be removed from the waterside slope.

| | | | | | |
|-------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.31 | Rating ** | M | Issue No. | 64 |
| LM End | 1.31 | Issue Type + | En | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.472855 ° | 38.472855 ° |
| | | | | -121.528435 ° | -121.528435 ° |
| DWR ID | DWR_RD0307_01_s_2016_64 | | | | |
| Comment Code | | | | | |
| TR : Tree or limb | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.35 | Rating ** | M | Issue No. | 10 |
| LM End | 1.35 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.472880 ° | 38.472880 ° |
| | | | | -121.527733 ° | -121.527733 ° |
| DWR ID | DWR_RD0307_01_f_2014_10 | | | | |
| Comment Code | | | | | |
| TR : Tree or limb | | | | | |
| Inspector Comment | | | | | |
| The RD will schedule to have these trees cut up and removed from the waterside levee section as soon as possible. | | | | | |

Photo 1 of 1 : SP_2016_RD0307_166_10_20160223_00005.jpg



Remove unwanted trees from waterside slope. These trees are dead and are resting on the slope.

| | | | | | |
|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0307 Lisbon

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Sacramento River | Right | 6.56 | 03/17/2016 03/17/2016 | Herman Phillips |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.50 | Rating ** | M | Issue No. | 67 |
| LM End | 2.95 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 38.473113 ° | 38.464202 ° |
| | | | | -121.524845 ° | -121.505330 ° |
| DWR ID | DWR_RD0307_01_s_2016_67 | | | | |
| Comment Code | | | | | |
| A1 : Exterminate rodents and backfill and compact or grout burrows. | | | | | |
| Inspector Comment | | | | | |
| Need bait stations in place on the landside shoulder. | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.59 | Rating ** | U | Issue No. | 69 |
| LM End | 1.66 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.473190 ° | 38.473240 ° |
| | | | | -121.523260 ° | -121.521942 ° |
| DWR ID | DWR_RD0307_01_s_2016_69 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| Spray the berry vines present at this location. | | | | | |

Photo 1 of 1 : SP_2016_RD0307_166_69_20160321_00097.jpg



Looking downstream from levee miles 1.59-1.66 slope covered in berry vines.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0307 Lisbon

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Sacramento River | Right | 6.56 | 03/17/2016 03/17/2016 | Herman Phillips |

| | | | | | |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | 1.62 | Rating ** | M | Issue No. | 85 |
| LM End | 1.62 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.473129 ° | 38.473129 ° |
| | | | | -121.522717 ° | -121.522717 ° |
| DWR ID | | | | | |

Comment Code

Inspector Comment

FS_ID:17105
DS_ID:24017
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: No permit identified for crossing or boat dock/steel ramp.
FIELD_STRUCT_DESC: 2 of 2: 1.5-inch PVC pipe through the levee 2-feet below the crown. Metal walkway/pier on WS slope. Possible pump on LS slope with filter tanks.
FS Date: 7/31/2013

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 1.62 | Rating ** | M | Issue No. | 85 (cont) |
| LM End | 1.62 | Issue Type + | En | Location * | LS |

Photo 1 of 2 : UCIP_SP_2016_17105_29207.jpg



Possible pump and filter station on LS slope.

Photo 2 of 2 : UCIP_SP_2016_17105_29206.jpg



Pipes visible on WS shoulder at steel walkway.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0307 Lisbon

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Sacramento River | Right | 6.56 | 03/17/2016 03/17/2016 | Herman Phillips |

| | | | | | |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | 1.62 | Rating ** | M | Issue No. | 86 |
| LM End | 1.62 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.473129 ° | 38.473129 ° |
| | | | | -121.522717 ° | -121.522717 ° |
| DWR ID | | | | | |

Comment Code

Inspector Comment

FS_ID:17106
DS_ID:24016
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: No permit identified for this crossing.
FIELD_STRUCT_DESC: 1 of 2: 1.5-inch PVC pipe through the levee 2-feet below the crown. Metal walkway/pier on WS slope. Possible pump, Filter, and tanks on LS slope.
FS Date: 7/31/2013

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 1.62 | Rating ** | M | Issue No. | 86 (cont) |
| LM End | 1.62 | Issue Type + | En | Location * | LS |

Photo 1 of 2 : UCIP_SP_2016_17106_29210.jpg



Possible pump and filter plant on LS slope.

Photo 2 of 2 : UCIP_SP_2016_17106_29209.jpg



Pipes visible on WS shoulder at metal ramp.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0307 Lisbon

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Sacramento River | Right | 6.56 | 03/17/2016 03/17/2016 | Herman Phillips |

| | | | | | |
|---|-------------------------|--------------|------------------------|---------------|-----------|
| LM Start | 1.66 | Rating ** | M | Issue No. | 70 |
| LM End | 1.66 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Encroachments | | 38.473243 ° | 38.473243 ° | |
| | | | -121.521938 ° | -121.521938 ° | |
| DWR ID | DWR_RD0307_01_s_2016_70 | | | | |
| Comment Code | | | | | |
| TR : Tree or limb | | | | | |
| Inspector Comment | | | | | |
| Fallen tree need to be removed from the water side levee section. | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|------------------------|---------------|-----------|
| LM Start | 1.69 | Rating ** | C | Issue No. | 14 |
| LM End | 1.79 | Issue Type + | En | Location * | WS |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Encroachments | | 38.473243 ° | 38.473277 ° | |
| | | | -121.521460 ° | -121.519537 ° | |
| DWR ID | DWR_RD0307_01_f_2014_14 | | | | |
| Comment Code | | | | | |
| GA : Garbage | | | | | |
| Inspector Comment | | | | | |
| Remove encroachments from levee section waterward slope. | | | | | |

No Photos

| | | | | | |
|-------------------|-------------------------|--------------|------------------------|---------------|-----------|
| LM Start | 1.72 | Rating ** | M | Issue No. | 71 |
| LM End | 1.72 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Encroachments | | 38.473352 ° | 38.473352 ° | |
| | | | -121.520852 ° | -121.520852 ° | |
| DWR ID | DWR_RD0307_01_s_2016_71 | | | | |
| Comment Code | | | | | |
| TR : Tree or limb | | | | | |
| Inspector Comment | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0307 Lisbon

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 01 Sacramento River | Right | 6.56 | 03/17/2016 03/17/2016 | Herman Phillips |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.74 | Rating ** | M | Issue No. | 72 |
| LM End | 1.80 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.473298 ° | 38.473257 ° |
| | | | | -121.520572 ° | -121.519342 ° |
| DWR ID | DWR_RD0307_01_s_2016_72 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.82 | Rating ** | M | Issue No. | 15 |
| LM End | 1.82 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.473255 ° | 38.473255 ° |
| | | | | -121.519110 ° | -121.519105 ° |
| DWR ID | DWR_RD0307_01_f_2014_15 | | | | |
| Comment Code | | | | | |
| T1 : Trim trees to at least five feet above ground level. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0307 Lisbon

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Sacramento River | Right | 6.56 | 03/17/2016 03/17/2016 | Herman Phillips |

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 1.82 | Rating ** | M | Issue No. | 98 |
| LM End | 1.82 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.473249 ° | 38.473249 ° |
| | | | | -121.519095 ° | -121.519095 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:16805 DS_ID:21663 EP_NO: 8016 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Needs to be abandoned properly. FIELD_STRUCT_DESC: *Abandoned* 8-inch iron pipe through the levee 15.7 feet below the crown. No connection in pump house on the LS toe, but 8-inch outlet pipe remains at connection from pumphouse to concrete standpipe. (Permit No. 8016, 1972). Pipe capped at both ends according to Permit No. 18209 for replacement pipe. Originally included in the 1959 O&M manual. FS Date: 7/31/2013 | | | | | |

Photo 1 of 2 : UCIP_SP_2016_16805_28806.jpg



Remnants of abandoned pipe visible in pumphouse on LS toe.

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 1.82 | Rating ** | M | Issue No. | 98 (cont) |
| LM End | 1.82 | Issue Type + | En | Location * | LS |

Photo 2 of 2 : UCIP_SP_2016_16805_28805.jpg



Concrete distribution box at LS toe.

| | | | | | | | |
|--|--|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0307 Lisbon

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Sacramento River | Right | 6.56 | 03/17/2016 03/17/2016 | Herman Phillips |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.86 | Rating ** | U | Issue No. | 73 |
| LM End | 1.87 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.473182 ° | 38.473243 ° |
| | | | | -121.518280 ° | -121.518078 ° |
| DWR ID | DWR_RD0307_01_s_2016_73 | | | | |
| Comment Code | | | | | |
| TR : Tree or limb | | | | | |
| Inspector Comment | | | | | |
| Remove the cut up oak tree from the levee section waterside and landside. | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 1.86 | Rating ** | U | Issue No. | 73 (cont) |
| LM End | 1.87 | Issue Type + | Ma | Location * | LS |

Photo 1 of 3 : SP_2016_RD0307_166_73_20160321_00098.jpg



Looking downstream from levee mile 1.86 cut up fallen tree on shoulder.

Photo 2 of 3 : SP_2016_RD0307_166_73_20160321_00102.jpg



Looking downstream toward levee mile 1.87 fallen tree on shoulder.

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 1.86 | Rating ** | U | Issue No. | 73 (cont) |
| LM End | 1.87 | Issue Type + | Ma | Location * | LS |

Photo 3 of 3 : SP_2016_RD0307_166_73_20160321_00103.jpg



Waterside shoulder levee mile 1.86 more of the cut up oak.

| | | | | | |
|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
| | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | | |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0307 Lisbon

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Sacramento River | Right | 6.56 | 03/17/2016 03/17/2016 | Herman Phillips |

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 2.21 | Rating ** | M | Issue No. | 104 |
| LM End | 2.21 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.472238 ° | 38.472238 ° |
| | | | | -121.512032 ° | -121.512032 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:22709 DS_ID:21665 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: 5-inch steel irrigation pipe through the levee 2.0-feet below the crown. Pipe open on both ends. Originally included in the 1959 O&M manual. FS Date: 7/31/2013 | | | | | |

Photo 1 of 2 : UCIP_SP_2016_22709_38412.jpg



Pipe visible on LS shoulder.

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 2.21 | Rating ** | M | Issue No. | 104 (cont) |
| LM End | 2.21 | Issue Type + | En | Location * | LS |

Photo 2 of 2 : UCIP_SP_2016_22709_38411.jpg



Pipe visible on LS shoulder.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0307 Lisbon

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Sacramento River | Right | 6.56 | 03/17/2016 03/17/2016 | Herman Phillips |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.41 | Rating ** | U | Issue No. | 74 |
| LM End | 2.49 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.471138 ° | 38.470410 ° |
| | | | | -121.508590 ° | -121.507422 ° |
| DWR ID | DWR_RD0307_01_s_2016_74 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| Remove the bamboo from the waterside shoulder and slope. | | | | | |

Photo 1 of 1 : SP_2016_RD0307_166_74_20160321_00104.jpg



Bamboo present on the waterside shoulder and slope.

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 2.42 | Rating ** | M | Issue No. | 114 |
| LM End | 2.42 | Issue Type + | En | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.471093 ° | 38.471093 ° |
| | | | | -121.508429 ° | -121.508429 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:40794 | | | | | |
| DS_ID:21667 | | | | | |
| EP_NO: N/A | | | | | |
| Repair Type: Non-Urgent | | | | | |
| Crossing Status: Found | | | | | |
| UCIP Comments: Pipe appears abandoned and if so should be done so properly. | | | | | |
| FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through the levee 3.0 feet below the crown. Pump and gate valve on the waterward slope. 36-inch concrete standpipe on LS toe. Originally included in the 1959 O&M manual. | | | | | |
| FS Date: 7/31/2013 | | | | | |

Photo 1 of 2 : UCIP_SP_2016_40794_28823.jpg



Pump and gate valve on WS slope.

| | | | | | |
|---|--|--|--|--|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|---|--|--|--|--|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0307 Lisbon

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Sacramento River | Right | 6.56 | 03/17/2016 03/17/2016 | Herman Phillips |

| | | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 2.42 | Rating ** | M | Issue No. | 114 (cont) | |
| LM End | 2.42 | Issue Type + | En | Location * | WS | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 38.471093 ° | 38.471093 ° | |
| | | | | -121.508429 ° | -121.508429 ° | |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:40794 | | | | | | |
| DS_ID:21667 | | | | | | |
| EP_NO: N/A | | | | | | |
| Repair Type: Non-Urgent | | | | | | |
| Crossing Status: Found | | | | | | |
| UCIP Comments: Pipe appears abandoned and if so should be done so properly. | | | | | | |
| FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through the levee 3.0 feet below the crown. Pump and gate valve on the waterward slope. 36-inch concrete standpipe on LS toe. Originally included in the 1959 O&M manual. | | | | | | |
| FS Date: 7/31/2013 | | | | | | |

Photo 2 of 2 : UCIP_SP_2016_40794_28822.jpg



Pump and gate valve on WS slope.

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 2.73 | Rating ** | M | Issue No. | 102 |
| LM End | 2.73 | Issue Type + | En | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.467404 ° | 38.467404 ° |
| | | | | -121.505681 ° | -121.505681 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:16815 | | | | | |
| DS_ID:21671 | | | | | |
| EP_NO: 8023 | | | | | |
| Repair Type: Non-Urgent | | | | | |
| Crossing Status: Found | | | | | |
| UCIP Comments: Appears abandoned and should be done so properly. | | | | | |
| FIELD_STRUCT_DESC: 8-inch steel irrigation pipe through the levee | | | | | |
| 13.7 feet below the crown. Pump and gate valve in pump house on the | | | | | |
| landward toe. 4'X2.5' concrete distribution box off LS toe. Service pole | | | | | |
| and anchor on the landward slope (Permit No. 8023, 1972). Included in | | | | | |
| the 1959 O&M manual. | | | | | |
| FS Date: 7/31/2013 | | | | | |

Photo 1 of 2 : UCIP_SP_2016_16815_28850.jpg



Pumphouse on LS toe.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0307 Lisbon

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Sacramento River | Right | 6.56 | 03/17/2016 03/17/2016 | Herman Phillips |

| | | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 2.73 | Rating ** | M | Issue No. | 102 (cont) | |
| LM End | 2.73 | Issue Type + | En | Location * | WS | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 38.467404 ° | 38.467404 ° | |
| | | | | -121.505681 ° | -121.505681 ° | |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:16815 | | | | | | |
| DS_ID:21671 | | | | | | |
| EP_NO: 8023 | | | | | | |
| Repair Type: Non-Urgent | | | | | | |
| Crossing Status: Found | | | | | | |
| UCIP Comments: Appears abandoned and should be done so properly. | | | | | | |
| FIELD_STRUCT_DESC: 8-inch steel irrigation pipe through the levee | | | | | | |
| 13.7 feet below the crown. Pump and gate valve in pump house on the | | | | | | |
| landward toe. 4'X2.5' concrete distribution box off LS toe. Service pole | | | | | | |
| and anchor on the landward slope (Permit No. 8023, 1972). Included in | | | | | | |
| the 1959 O&M manual. | | | | | | |
| FS Date: 7/31/2013 | | | | | | |

Photo 2 of 2 : UCIP_SP_2016_16815_28849.jpg



Pump and gatevalve inside pumphouse on LS toe.

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.95 | Rating ** | M | Issue No. | 65 |
| LM End | 2.97 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.464142 ° | 38.463803 ° |
| | | | | -121.505340 ° | -121.505290 ° |
| DWR ID | DWR_RD0307_01_f_2015_65 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | | | |
|--|--|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0307 Lisbon

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Sacramento River | Right | 6.56 | 03/17/2016 03/17/2016 | Herman Phillips |

| | | | | | |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.99 | Rating ** | M | Issue No. | 76 |
| LM End | 2.99 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.463562 ° | 38.463562 ° |
| | | | | -121.505272 ° | -121.505272 ° |
| DWR ID | DWR_RD0307_01_s _ 2016_76 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | | |
|--|---------------------------|--------------|----|------------------------|----|---------------|
| LM Start | 3.01 | Rating ** | M | Issue No. | 77 | |
| LM End | 3.05 | Issue Type + | Ma | Location * | LS | |
| Category | Earthen Levee | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | Vegetation | | | 38.463265 ° | | 38.462683 ° |
| | | | | -121.505192 ° | | -121.505162 ° |
| DWR ID | DWR_RD0307_01_s _ 2016_77 | | | | | |
| Comment Code | | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | | |
| Inspector Comment | | | | | | |
| | | | | | | |

No Photos

| | | | | | |
|-------------------|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.18 | Rating ** | M | Issue No. | 78 |
| LM End | 3.19 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.460920 ° | 38.460790 ° |
| | | | | -121.504730 ° | -121.504652 ° |
| DWR ID | DWR_RD0307_01_s _ 2016_78 | | | | |
| Comment Code | | | | | |
| TR : Tree or limb | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|-----------------|----------------------|--------------------------|---|-----------------------------------|--|
| * Location | | ** Rating | | + Issue Type | |
| LS : Land Side | N/A : Not Applicable | A : Acceptable | N : Not Inspected/Rated | Ma : Maintenance Deficiency | |
| WS : Water Side | | M : Minimally Acceptable | C : Corrected | Ob : Design & System Obsolescence | |
| CR : Crown | | U : Unacceptable | A/W : Acceptable but Monitor & Maintain | En : Enforcement | |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0307 Lisbon

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Sacramento River | Right | 6.56 | 03/17/2016 03/17/2016 | Herman Phillips |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.19 | Rating ** | U | Issue No. | 79 |
| LM End | 3.19 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.460690 ° | 38.460690 ° |
| | | | | -121.504650 ° | -121.504650 ° |
| DWR ID | DWR_RD0307_01_s_2016_79 | | | | |
| Comment Code | | | | | |
| FE : Fence | | | | | |
| Inspector Comment | | | | | |
| There is no CVFPB Permit for this encroachment. It need to be removed or apply for Permit to retain. | | | | | |

Photo 1 of 1 : SP_2016_RD0307_166_79_20160321_00105.jpg



Looking down the landside slope and shoulder of levee mile 3.19 new replacement of a solid wall wooden fence.

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.44 | Rating ** | M | Issue No. | 21 |
| LM End | 3.53 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 38.457192 ° | 38.455917 ° |
| | | | | -121.503923 ° | -121.503505 ° |
| DWR ID | DWR_RD0307_01_f_2014_21 | | | | |
| Comment Code | | | | | |
| A1 : Exterminate rodents and backfill and compact or grout burrows. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0307 Lisbon

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Sacramento River | Right | 6.56 | 03/17/2016 03/17/2016 | Herman Phillips |

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 3.44 | Rating ** | M | Issue No. | 103 |
| LM End | 3.44 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.457182 ° | 38.457182 ° |
| | | | | -121.503847 ° | -121.503847 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:16843 | | | | | |
| DS_ID:21677 | | | | | |
| EP_NO: N/A | | | | | |
| Repair Type: Non-Urgent | | | | | |
| Crossing Status: Found | | | | | |
| UCIP Comments: No access to pumphouse as fence is within 10-feet of toe. | | | | | |
| FIELD_STRUCT_DESC: 8-inch steel irrigation pipe through the levee 11.8 feet below the crown. Pump house on the landward toe. 48-inch diameter concrete standpipe just off LS toe. Originally included in the 1959 O&M manual. | | | | | |
| FS Date: 7/31/2013 | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 3.44 | Rating ** | M | Issue No. | 103 (cont) |
| LM End | 3.44 | Issue Type + | En | Location * | LS |

Photo 1 of 2 : UCIP_SP_2016_16843_28881.jpg



Pumphouse on LS toe. No access due to fence along toe.

Photo 2 of 2 : UCIP_SP_2016_16843_28880.jpg



Pipe visible on WS toe.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0307 Lisbon

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Sacramento River | Right | 6.56 | 03/17/2016 03/17/2016 | Herman Phillips |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.53 | Rating ** | M | Issue No. | 22 |
| LM End | 3.53 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.455917 ° | 38.455917 ° |
| | | | | -121.503510 ° | -121.503505 ° |
| DWR ID | DWR_RD0307_01_f_2014_22 | | | | |
| Comment Code | | | | | |
| T2 : Thin trees to allow visibility of the ground and room to flood fight. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.55 | Rating ** | M | Issue No. | 23 |
| LM End | 3.60 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.455637 ° | 38.454863 ° |
| | | | | -121.503400 ° | -121.503225 ° |
| DWR ID | DWR_RD0307_01_f_2014_23 | | | | |
| Comment Code | | | | | |
| T2 : Thin trees to allow visibility of the ground and room to flood fight. | | | | | |
| Inspector Comment | | | | | |
| Remove the fig tree from the levee slope landside levee section. | | | | | |

No Photos

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0307 Lisbon

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Sacramento River | Right | 6.56 | 03/17/2016 03/17/2016 | Herman Phillips |

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 3.60 | Rating ** | M | Issue No. | 93 |
| LM End | 3.60 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.454939 ° | 38.454939 ° |
| | | | | -121.503146 ° | -121.503146 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:16923 DS_ID:21679 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Gate valve does not function on WS slope. Pipe and pump appear to be abandoned and should be done so properly. FIELD_STRUCT_DESC: 7-inch steel irrigation pipe through the levee 14.7 feet below the crown. Pump in pumphouse on LS toe. Gate valve on the WS slope and at pumphouse on the LS toe. Air vent on pipe at WS toe near waterline. Originally included in the 1959 O&M manual. FS Date: 7/31/2013 | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 3.60 | Rating ** | M | Issue No. | 93 (cont) |
| LM End | 3.60 | Issue Type + | En | Location * | LS |

Photo 1 of 2 : UCIP_SP_2016_16923_28978.jpg



Gate valve actuator on WS slope.

Photo 2 of 2 : UCIP_SP_2016_16923_28977.jpg



Pumphouse on LS toe.

| | | |
|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0307 Lisbon

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Sacramento River | Right | 6.56 | 03/17/2016 03/17/2016 | Herman Phillips |

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 3.65 | Rating ** | M | Issue No. | 94 |
| LM End | 3.65 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.454154 ° | 38.454154 ° |
| | | | | -121.502939 ° | -121.502939 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:16924 DS_ID:21680 EP_NO: 8030 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe not visible on LS slope or toe due to excessive vegetation. Vegetation should be cleared from pipe. FIELD_STRUCT_DESC: 1 of 2: 12-inch steel irrigation pipe through the levee 6-feet below the crown. Walkway on WS slope to a pump on a pile structure in the stream. JP and meter on LS toe. Pipe appears to cross levee at an angle. (Permit No. 8030, 1972). Included in the 1959 O&M manual. FS Date: 7/31/2013 | | | | | |

| | | | | | |
|----------|------|--------------|----|------------|-----------|
| LM Start | 3.65 | Rating ** | M | Issue No. | 94 (cont) |
| LM End | 3.65 | Issue Type + | En | Location * | LS |

Photo 1 of 2 : UCIP_SP_2016_16924_28982.jpg



Pipe and walkway visible on WS slope.

Photo 2 of 2 : UCIP_SP_2016_16924_28981.jpg



Pump and electrical controls on Pier at WS slope.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0307 Lisbon

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Sacramento River | Right | 6.56 | 03/17/2016 03/17/2016 | Herman Phillips |

| | | | | | |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | 3.66 | Rating ** | M | Issue No. | 95 |
| LM End | 3.66 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.454154 ° | 38.454154 ° |
| | | | | -121.502939 ° | -121.502939 ° |
| DWR ID | | | | | |

Comment Code

Inspector Comment

FS_ID:16925
DS_ID:21723
EP_NO: 8030
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: Excessive vegetation should be cleared from conduit and JP on LS toe.
FIELD_STRUCT_DESC: 2 of 2: 1.5-inch conduit through levee 6.0 feet below crown. Walkway on WS slope to pump on a pile structure. Meter on JP at LS toe (Permit No. 8030, 1972)
FS Date: 7/31/2013

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 3.66 | Rating ** | M | Issue No. | 95 (cont) |
| LM End | 3.66 | Issue Type + | En | Location * | LS |

Photo 1 of 2 : UCIP_SP_2016_16925_28984.jpg



Conduit visible on WS slope.

Photo 2 of 2 : UCIP_SP_2016_16925_28983.jpg



JP and meter on LS toe.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0307 Lisbon

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 01 Sacramento River | Right | 6.56 | 03/17/2016 03/17/2016 | Herman Phillips |

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 3.67 | Rating ** | M | Issue No. | 108 |
| LM End | 3.67 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.453882 ° | 38.453882 ° |
| | | | | -121.502890 ° | -121.502890 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:22669 DS_ID:21681 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: 6-inch pipe through the levee 16.5 feet below the crown. Wooden plate bolted on landward end. Unable to locate pipe but found USAA markings for 6-inch 7/31/2013. Originally included in the 1959 O&M manual. FS Date: 7/31/2013 | | | | | |

No Photos

| | | | | | |
|-------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.86 | Rating ** | M | Issue No. | 24 |
| LM End | 3.86 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.451123 ° | 38.451123 ° |
| | | | | -121.502622 ° | -121.502622 ° |
| DWR ID | DWR_RD0307_01_f_2014_24 | | | | |
| Comment Code | | | | | |
| TR : Tree or limb | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0307 Lisbon

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Sacramento River | Right | 6.56 | 03/17/2016 03/17/2016 | Herman Phillips |

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 3.90 | Rating ** | U | Issue No. | 101 |
| LM End | 3.90 | Issue Type + | En | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.450575 ° | 38.450575 ° |
| | | | | -121.502580 ° | -121.502580 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:16983 DS_ID:21682 EP_NO: 8034 Repair Type: Urgent Crossing Status: Found UCIP Comments: Appears abandoned and should be done so properly. Walkway to pier is falling apart and is an attractive nuisance. Pipe rusted through at riser on LS toe. FIELD_STRUCT_DESC: 1 of 2: 14-inch steel irrigation pipe through the levee 13.0 feet below the crown. Pump on pile structure with walkway on WS slope. Gate valve at the waterward toe and a 48-inch concrete standpipe on the LS toe. Sheet pile wall around base of metal pier at WS toe (Permit No. 8034, 1972). Included in the 1959 O&M manual. FS Date: 8/6/2013 3:32:15 PM | | | | | |

| | | | | | |
|----------|------|--------------|----|------------|------------|
| LM Start | 3.90 | Rating ** | U | Issue No. | 101 (cont) |
| LM End | 3.90 | Issue Type + | En | Location * | WS |

Photo 1 of 2 : UCIP_SP_2016_16983_29022.jpg



Metal walkway to pump on pier and gate valve actuator on WS slope.

Photo 2 of 2 : UCIP_SP_2016_16983_29021.jpg



Sheet pile wall at WS toe.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0307 Lisbon

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 01 Sacramento River | Right | 6.56 | 03/17/2016 03/17/2016 | Herman Phillips |

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 3.99 | Rating ** | M | Issue No. | 92 |
| LM End | 3.99 | Issue Type + | En | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.449382 ° | 38.449382 ° |
| | | | | -121.502625 ° | -121.502625 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:17408 | | | | | |
| DS_ID:21725 | | | | | |
| EP_NO: 8037 | | | | | |
| Repair Type: Non-Urgent | | | | | |
| Crossing Status: Found | | | | | |
| UCIP Comments: need to update with notes from inspector. | | | | | |
| FIELD_STRUCT_DESC: 2 of 2: *Removed* 1.5-inch conduit through | | | | | |
| levee 15.0 feet below crown. Pump and gate valve on the waterward | | | | | |
| slope (Permit No. 8037, 1972). Pipe removed in 2012 under Permit No. | | | | | |
| 18461. | | | | | |
| FS Date: 7/31/2013 | | | | | |

No Photos

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 4.07 | Rating ** | U | Issue No. | 87 |
| LM End | 4.07 | Issue Type + | En | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.448191 ° | 38.448191 ° |
| | | | | -121.502653 ° | -121.502653 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:17128 DS_ID:21684 EP_NO: 8038 Repair Type: Urgent Crossing Status: Found UCIP Comments: Wooden lid on 5-foot Diam. CMP riser rotten and could collapse. This could create a hazard for the public and should be replaced. Pipe appears abandoned and should be done so properly. FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through the levee 13.5 feet below the crown. Gate valve in 5-foot diameter corrugated metal pipe riser on the waterward slope. Power pole and meter at LS toe (Permit No. 8038, 1972). Included in the 1959 O&M manual. FS Date: 7/31/2013 | | | | | |

Photo 1 of 2 : UCIP_SP_2016_17128_29261.jpg



Wooden lid at gate valve in CMP riser on WS slope.

| | | | | | |
|-----------------|----------------------|--------------------------|---|-----------------------------------|--|
| * Location | | ** Rating | | + Issue Type | |
| LS : Land Side | N/A : Not Applicable | A : Acceptable | N : Not Inspected/Rated | Ma : Maintenance Deficiency | |
| WS : Water Side | | M : Minimally Acceptable | C : Corrected | Ob : Design & System Obsolescence | |
| CR : Crown | | U : Unacceptable | A/W : Acceptable but Monitor & Maintain | En : Enforcement | |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0307 Lisbon

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Sacramento River | Right | 6.56 | 03/17/2016 03/17/2016 | Herman Phillips |

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 4.07 | Rating ** | U | Issue No. | 87 (cont) |
| LM End | 4.07 | Issue Type + | En | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.448191 ° | 38.448191 ° |
| | | | | -121.502653 ° | -121.502653 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:17128 DS_ID:21684 EP_NO: 8038 Repair Type: Urgent Crossing Status: Found UCIP Comments: Wooden lid on 5-foot Diam. CMP riser rotten and could collapse. This could create a hazard for the public and should be replaced. Pipe appears abandoned and should be done so properly. FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through the levee 13.5 feet below the crown. Gate valve in 5-foot diameter corrugated metal pipe riser on the waterward slope. Power pole and meter at LS toe (Permit No. 8038, 1972). Included in the 1959 O&M manual. FS Date: 7/31/2013 | | | | | |

Photo 2 of 2 : UCIP_SP_2016_17128_29260.jpg



Power Pole, meter, and pumphouse on LS toe.

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 4.11 | Rating ** | M | Issue No. | 109 |
| LM End | 4.11 | Issue Type + | En | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.447562 ° | 38.447562 ° |
| | | | | -121.502681 ° | -121.502681 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:22670 | | | | | |
| DS_ID:21685 | | | | | |
| EP_NO: 8039 | | | | | |
| Repair Type: Non-Urgent | | | | | |
| Crossing Status: Found | | | | | |
| UCIP Comments: No lid on CMP riser on WS slope. this could create a hazard for the public. | | | | | |
| FIELD_STRUCT_DESC: 8-inch steel irrigation pipe through the levee 12.0 feet below the crown. Gate valve in 6-foot diameter CMP riser on WS slope. Pump and gate valve in pumphouse on LS toe (Permit No. 8039, 1972). Included in the 1959 O&M manual. | | | | | |
| FS Date: 7/31/2013 | | | | | |

Photo 1 of 2 : UCIP_SP_2016_22670_38290.jpg



Slide gate in riser on WS slope.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0307 Lisbon

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Sacramento River | Right | 6.56 | 03/17/2016 03/17/2016 | Herman Phillips |

| | | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 4.11 | Rating ** | M | Issue No. | 109 (cont) | |
| LM End | 4.11 | Issue Type + | En | Location * | WS | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 38.447562 ° | 38.447562 ° | |
| | | | | -121.502681 ° | -121.502681 ° | |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:22670 | | | | | | |
| DS_ID:21685 | | | | | | |
| EP_NO: 8039 | | | | | | |
| Repair Type: Non-Urgent | | | | | | |
| Crossing Status: Found | | | | | | |
| UCIP Comments: No lid on CMP riser on WS slope. this could create a hazard for the public. | | | | | | |
| FIELD_STRUCT_DESC: 8-inch steel irrigation pipe through the levee 12.0 feet below the crown. Gate valve in 6-foot diameter CMP riser on WS slope. Pump and gate valve in pumphouse on LS toe (Permit No. 8039, 1972). Included in the 1959 O&M manual. | | | | | | |
| FS Date: 7/31/2013 | | | | | | |

Photo 2 of 2 : UCIP_SP_2016_22670_38289.jpg



Pipe visible on WS slope.

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.12 | Rating ** | M | Issue No. | 25 |
| LM End | 4.13 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.447455 ° | 38.447323 ° |
| | | | | -121.502772 ° | -121.502767 ° |
| DWR ID | DWR_RD0307_01_f_2015_25 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| Remove the blackberries from the landside levee slope. | | | | | |

No Photos

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0307 Lisbon

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 01 Sacramento River | Right | 6.56 | 03/17/2016 03/17/2016 | Herman Phillips |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.31 | Rating ** | U | Issue No. | 26 |
| LM End | 4.31 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.444612 ° | 38.444612 ° |
| | | | | -121.503100 ° | -121.503100 ° |
| DWR ID | DWR_RD0307_01_f_2014_26 | | | | |
| Comment Code | | | | | |
| BU : Building | | | | | |
| Inspector Comment | | | | | |
| This pumphouse was built without a permit, the district is aware of the encroachment. | | | | | |

Photo 1 of 1 : SP_2016_RD0307_166_26_20160223_00007.jpg



This pump house was built without CVFPB Permit.

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.39 | Rating ** | U | Issue No. | 27 |
| LM End | 4.39 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.443517 ° | 38.443517 ° |
| | | | | -121.503338 ° | -121.503338 ° |
| DWR ID | DWR_RD0307_01_f_2014_27 | | | | |
| Comment Code | | | | | |
| CR : Crops | | | | | |
| Inspector Comment | | | | | |
| There are grapes planted on the levee slope landside without permit from the CVFPB. This issue has been reported and recorded in previous inspections. | | | | | |

Photo 1 of 1 : SP_2016_RD0307_166_27_20160223_00008.jpg



Unwanted grapes placed on levee slope, these grapes has been reported to both district and CVFPB. No permit.

| | | | | | |
|-----------------|----------------------|--------------------------|---|-----------------------------------|--|
| * Location | | ** Rating | | + Issue Type | |
| LS : Land Side | N/A : Not Applicable | A : Acceptable | N : Not Inspected/Rated | Ma : Maintenance Deficiency | |
| WS : Water Side | | M : Minimally Acceptable | C : Corrected | Ob : Design & System Obsolescence | |
| CR : Crown | | U : Unacceptable | A/W : Acceptable but Monitor & Maintain | En : Enforcement | |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0307 Lisbon

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Sacramento River | Right | 6.56 | 03/17/2016 03/17/2016 | Herman Phillips |

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 4.46 | Rating ** | M | Issue No. | 88 |
| LM End | 4.46 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.442515 ° | 38.442515 ° |
| | | | | -121.503620 ° | -121.503620 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:17183 DS_ID:21690 EP_NO: 8041 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and should be done so properly. Gate valve has been removed from pipe on LS toe. FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through the levee 13.5 feet below the crown. Pump and-gate valve in pump house on the landward slope. Gate valve on WS slope. Service pole and anchor on the landward slope (Permit No. 8041, 1972). Included in the 1959 O&M manual. FS Date: 8/6/2013 | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 4.46 | Rating ** | M | Issue No. | 88 (cont) |
| LM End | 4.46 | Issue Type + | En | Location * | LS |

Photo 1 of 2 : UCIP_SP_2016_17183_29321.jpg



Pumphouse for 6-inch pipe at LS toe.

Photo 2 of 2 : UCIP_SP_2016_17183_29320.jpg



Gate valve on WS slope.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0307 Lisbon

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Sacramento River | Right | 6.56 | 03/17/2016 03/17/2016 | Herman Phillips |

| | | | | | |
|-------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.58 | Rating ** | M | Issue No. | 80 |
| LM End | 4.58 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.440975 ° | 38.440975 ° |
| | | | | -121.504545 ° | -121.504545 ° |
| DWR ID | DWR_RD0307_01_s_2016_80 | | | | |
| Comment Code | | | | | |
| TR : Tree or limb | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 4.58 | Rating ** | M | Issue No. | 89 |
| LM End | 4.58 | Issue Type + | En | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.440915 ° | 38.440915 ° |
| | | | | -121.504524 ° | -121.504524 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:17184 | | | | | |
| DS_ID:21691 | | | | | |
| EP_NO: 8561 | | | | | |
| Repair Type: Non-Urgent | | | | | |
| Crossing Status: Found | | | | | |
| UCIP Comments: Pipe abandoned and should be done so properly. | | | | | |
| Gate valve on LS toe broken. | | | | | |
| FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through the levee | | | | | |
| 12.8 feet below the crown. Pump, gate valve, and 6'X8' concrete | | | | | |
| distribution box on LS toe. Gate valve on the waterward slope (Permit | | | | | |
| No. 8561, 1973). Included in the 1959 O&M manual. | | | | | |
| FS Date: 8/6/2013 | | | | | |

Photo 1 of 2 : UCIP_SP_2016_17184_29326.jpg



Pipe and gate valve on WS slope just downstream from stairs.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0307 Lisbon

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Sacramento River | Right | 6.56 | 03/17/2016 03/17/2016 | Herman Phillips |

| | | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 4.58 | Rating ** | M | Issue No. | 89 (cont) | |
| LM End | 4.58 | Issue Type + | En | Location * | WS | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 38.440915 ° | 38.440915 ° | |
| | | | | -121.504524 ° | -121.504524 ° | |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:17184 | | | | | | |
| DS_ID:21691 | | | | | | |
| EP_NO: 8561 | | | | | | |
| Repair Type: Non-Urgent | | | | | | |
| Crossing Status: Found | | | | | | |
| UCIP Comments: Pipe abandoned and should be done so properly. | | | | | | |
| Gate valve on LS toe broken. | | | | | | |
| FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through the levee | | | | | | |
| 12.8 feet below the crown. Pump, gate valve, and 6'X8' concrete | | | | | | |
| distribution box on LS toe. Gate valve on the waterward slope (Permit | | | | | | |
| No. 8561, 1973). Included in the 1959 O&M manual. | | | | | | |
| FS Date: 8/6/2013 | | | | | | |

Photo 2 of 2 : UCIP_SP_2016_17184_29325.jpg



Gate valve on WS slope.

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 4.82 | Rating ** | M | Issue No. | 110 |
| LM End | 4.82 | Issue Type + | En | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.438390 ° | 38.438390 ° |
| | | | | -121.507323 ° | -121.507323 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:22671 DS_ID:21693 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: 1 of 2: 6-inch steel irrigation pipe through the levee 1.5 feet below the crown Originally included in the 1959 O&M manual. FS Date: 8/6/2013 | | | | | |

Photo 1 of 1 : UCIP_SP_2016_22671_38293.jpg



Pipe visible on LS slope.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0307 Lisbon

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Sacramento River | Right | 6.56 | 03/17/2016 03/17/2016 | Herman Phillips |

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 4.82 | Rating ** | M | Issue No. | 111 |
| LM End | 4.82 | Issue Type + | En | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.438390 ° | 38.438390 ° |
| | | | | -121.507323 ° | -121.507323 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:22672 | | | | | |
| DS_ID:21726 | | | | | |
| EP_NO: N/A | | | | | |
| Repair Type: Non-Urgent | | | | | |
| Crossing Status: Found | | | | | |
| UCIP Comments: Pipe abandoned and should be done so properly. | | | | | |
| FIELD_STRUCT_DESC: 2 of 2: 1-inch conduit through levee 1.5 feet below crown. | | | | | |
| FS Date: 8/6/2013 | | | | | |

Photo 1 of 1 : UCIP_SP_2016_22672_38296.jpg



Abandoned electrical conduit next to pipe on LS slope.

| | | | | | |
|-------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 5.02 | Rating ** | M | Issue No. | 66 |
| LM End | 5.02 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.436953 ° | 38.436953 ° |
| | | | | -121.510563 ° | -121.510563 ° |
| DWR ID | DWR_RD0307_01_f_2015_66 | | | | |
| Comment Code | | | | | |
| TR : Tree or limb | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0307 Lisbon

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Sacramento River | Right | 6.56 | 03/17/2016 03/17/2016 | Herman Phillips |

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 5.23 | Rating ** | M | Issue No. | 105 |
| LM End | 5.23 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.435901 ° | 38.435901 ° |
| | | | | -121.514233 ° | -121.514233 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:22710 DS_ID:21698 EP_NO: 8048 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and should be done so properly. FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through levee 14.5 feet below crown. Gate valve in 5-foot diameter CMP riser on the WS slope. Pump and gate valve in pumphouse on LS toe. 36-inch concrete standpipe on LS of pumphouse (Permit No. 8048, 1972). Included in the 1959 O&M manual. FS Date: 8/6/2013 | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 5.23 | Rating ** | M | Issue No. | 105 (cont) |
| LM End | 5.23 | Issue Type + | En | Location * | LS |

Photo 1 of 2 : UCIP_SP_2016_22710_38415.jpg



Gate valve in 5-foot diameter CMP riser on WS slope.

Photo 2 of 2 : UCIP_SP_2016_22710_38414.jpg



Pipe visible on WS slope.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0307 Lisbon

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Sacramento River | Right | 6.56 | 03/17/2016 03/17/2016 | Herman Phillips |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 5.33 | Rating ** | U | Issue No. | 28 |
| LM End | 5.44 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.435728 ° | 38.435610 ° |
| | | | | -121.516023 ° | -121.518140 ° |
| DWR ID | DWR_RD0307_01_f_2014_28 | | | | |
| Comment Code | | | | | |
| TR : Tree or limb | | | | | |
| Inspector Comment | | | | | |
| Unauthorized planting of small oleander trees on the shoulder and young fig trees placed on the landside levee toe. Remove these encroachments. | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 5.33 | Rating ** | U | Issue No. | 28 (cont) |
| LM End | 5.44 | Issue Type + | En | Location * | LS |

Photo 1 of 3 : SP_2016_RD0307_166_28_20160321_00110.jpg



Looking back upstream at the planters placed on the landward shoulder and ramp.

Photo 2 of 3 : SP_2016_RD0307_166_28_20160321_00111.jpg



Looking upstream landside slope and toe trees planted on the levee section.

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 5.33 | Rating ** | U | Issue No. | 28 (cont) |
| LM End | 5.44 | Issue Type + | En | Location * | LS |

Photo 3 of 3 : SP_2016_RD0307_166_28_20160321_00106.jpg



Looking downstream from levee mile 5.33 landward at small oleander trees planted along the slope.

| | | | | | |
|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
| | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | | |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0307 Lisbon

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Sacramento River | Right | 6.56 | 03/17/2016 03/17/2016 | Herman Phillips |

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 5.37 | Rating ** | M | Issue No. | 112 |
| LM End | 5.37 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.435613 ° | 38.435613 ° |
| | | | | -121.516860 ° | -121.516860 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:40546 | | | | | |
| DS_ID:21700 | | | | | |
| EP_NO: 8049 | | | | | |
| Repair Type: Non-Urgent | | | | | |
| Crossing Status: Found | | | | | |
| UCIP Comments: No access due to vegetative cover. Appears abandoned and should be done so properly. | | | | | |
| FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through the levee 14.5-feet below the crown. Pump house on the LS toe. Gate valve and in 5-foot diameter corrugated metal pipe riser on the WS slope. Originally included in the 1959 O&M manual (Permit No. 8049). FS Date: 8/6/2013 | | | | | |

Photo 1 of 2 : UCIP_SP_2016_40546_29421.jpg



Pumphouse on LS toe.

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 5.37 | Rating ** | M | Issue No. | 112 (cont) |
| LM End | 5.37 | Issue Type + | En | Location * | LS |

Photo 2 of 2 : UCIP_SP_2016_40546_29420.jpg



Gate valve in 5-foot diameter CMP riser on WS slope.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0307 Lisbon

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Sacramento River | Right | 6.56 | 03/17/2016 03/17/2016 | Herman Phillips |

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 5.48 | Rating ** | M | Issue No. | 99 |
| LM End | 5.48 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.435622 ° | 38.435622 ° |
| | | | | -121.518829 ° | -121.518829 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:17287 | | | | | |
| DS_ID:21701 | | | | | |
| EP_NO: 8050 | | | | | |
| Repair Type: Non-Urgent | | | | | |
| Crossing Status: Found | | | | | |
| UCIP Comments: Lid damaged on 5ft diameter riser on WS slope. | | | | | |
| Good candidate for video inspection as repair to pipe on LS toe is good | | | | | |
| indicator that pipe is failing internally. | | | | | |
| FIELD_STRUCT_DESC: 8-inch steel irrigation pipe through the levee | | | | | |
| 12.7 feet below the crown. Pump, vent, butterfly valve, 36-inch concrete | | | | | |
| standpipe, and power pole at LS toe. Gate valve in 5-foot diameter | | | | | |
| CMP riser on waterward slope (Permit No. 8050, 1972). Included in the | | | | | |
| 1959 O&M manual. | | | | | |
| FS Date: 8/7/2013 | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 5.48 | Rating ** | M | Issue No. | 99 (cont) |
| LM End | 5.48 | Issue Type + | En | Location * | LS |

Photo 1 of 2 : UCIP_SP_2016_17287_29423.jpg



Pump and appurtenances on LS toe.

Photo 2 of 2 : UCIP_SP_2016_17287_29422.jpg



Gate valve in 5-foot diameter CMP riser on WS slope.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0307 Lisbon

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Sacramento River | Right | 6.56 | 03/17/2016 03/17/2016 | Herman Phillips |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 5.50 | Rating ** | M | Issue No. | 30 |
| LM End | 5.53 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 38.435608 ° | 38.435657 ° |
| | | | | -121.519147 ° | -121.519652 ° |
| DWR ID | DWR_RD0307_01_f_2014_30 | | | | |
| Comment Code | | | | | |
| A1 : Exterminate rodents and backfill and compact or grout burrows. | | | | | |
| Inspector Comment | | | | | |
| Need bait stations along the slope where rodents are active. | | | | | |

No Photos

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 5.68 | Rating ** | M | Issue No. | 100 |
| LM End | 5.68 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.435816 ° | 38.435816 ° |
| | | | | -121.522560 ° | -121.522560 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:17343 DS_ID:21702 EP_NO: 8051 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Annular space between pipes does not appear to be grouted. FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through the levee 16.8 feet below the crown. Pump, vent, Power pole, and gate valve on the LS toe. 36-inch concrete standpipe next to pump on LS toe (Permit No. 8051, 1972). 8-inch steel pipe sleeved through 10-inch. Originally included in the 1959 O&M manual. FS Date: 8/7/2013 | | | | | |

Photo 1 of 2 : UCIP_SP_2016_17343_29442.jpg



Pipe visible on WS toe.

| | | | | | |
|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0307 Lisbon

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Sacramento River | Right | 6.56 | 03/17/2016 03/17/2016 | Herman Phillips |

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 5.68 | Rating ** | M | Issue No. | 100 (cont) |
| LM End | 5.68 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.435816 ° | 38.435816 ° |
| | | | | -121.522560 ° | -121.522560 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:17343 | | | | | |
| DS_ID:21702 | | | | | |
| EP_NO: 8051 | | | | | |
| Repair Type: Non-Urgent | | | | | |
| Crossing Status: Found | | | | | |
| UCIP Comments: Annular space between pipes does not appear to be grouted. | | | | | |
| FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through the levee 16.8 feet below the crown. Pump, vent, Power pole, and gate valve on the LS toe. 36-inch concrete standpipe next to pump on LS toe (Permit No. 8051, 1972). 8-inch steel pipe sleeved through 10-inch. Originally included in the 1959 O&M manual. | | | | | |
| FS Date: 8/7/2013 | | | | | |

Photo 2 of 2 : UCIP_SP_2016_17343_29441.jpg



Pump, butterfly valve, vent, and concrete standpipe on LS toe.

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 5.99 | Rating ** | M | Issue No. | 106 |
| LM End | 5.99 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.436038 ° | 38.436038 ° |
| | | | | -121.528107 ° | -121.528107 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:22711 | | | | | |
| DS_ID:21713 | | | | | |
| EP_NO: 6519 | | | | | |
| Repair Type: Non-Urgent | | | | | |
| Crossing Status: Found | | | | | |
| UCIP Comments: Appears abandoned and should be done so properly. | | | | | |
| FIELD_STRUCT_DESC: 1.5-inch electrical conduit through the levee | | | | | |
| 1.0-foot below the crown. Slant pump and electrical panel on WS slope | | | | | |
| and a power pole and meter on the LS toe (Permit No. 6519, 1970). | | | | | |
| FS Date: 8/7/2013 10:24:00 AM | | | | | |

Photo 1 of 2 : UCIP_SP_2016_22711_38419.jpg



Power pole and meter off LS toe.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0307 Lisbon

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Sacramento River | Right | 6.56 | 03/17/2016 03/17/2016 | Herman Phillips |

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 5.99 | Rating ** | M | Issue No. | 106 (cont) |
| LM End | 5.99 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.436038 ° | 38.436038 ° |
| | | | | -121.528107 ° | -121.528107 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:22711 DS_ID:21713 EP_NO: 6519 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Appears abandoned and should be done so properly. FIELD_STRUCT_DESC: 1.5-inch electrical conduit through the levee 1.0-foot below the crown. Slant pump and electrical panel on WS slope and a power pole and meter on the LS toe (Permit No. 6519, 1970). FS Date: 8/7/2013 10:24:00 AM | | | | | |

Photo 2 of 2 : UCIP_SP_2016_22711_38418.jpg



Electrical conduit visible at panel next to slant pump on WS slope.

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 5.99 | Rating ** | M | Issue No. | 107 |
| LM End | 5.99 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.436038 ° | 38.436038 ° |
| | | | | -121.528107 ° | -121.528107 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:22712 DS_ID:21732 EP_NO: 8053 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Annular space between pipes does not appear to be grouted. FIELD_STRUCT_DESC: 20-inch steel irrigation pipe through the levee 14.7 feet below the crown. 16-inch pipe sleeved through 20-inch. Slant pump and gate valve on the waterward slope. Gate valve, power pole, and electric panel on LS toe (Permit No. 8053, 1972). Originally included in the 1959 O&M manual. FS Date: 8/7/2013 | | | | | |

Photo 1 of 2 : UCIP_SP_2016_22712_38422.jpg



Pipe on LS toe.

| | | | | | |
|-----------------|----------------------|--------------------------|---|-----------------------------------|--|
| * Location | | ** Rating | | + Issue Type | |
| LS : Land Side | N/A : Not Applicable | A : Acceptable | N : Not Inspected/Rated | Ma : Maintenance Deficiency | |
| WS : Water Side | | M : Minimally Acceptable | C : Corrected | Ob : Design & System Obsolescence | |
| CR : Crown | | U : Unacceptable | A/W : Acceptable but Monitor & Maintain | En : Enforcement | |

Reclamation District No. 0307 Lisbon

USACE 2013 Photo #1Page 47 of 50

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0307 Lisbon

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Sacramento River | Right | 6.56 | 03/17/2016 03/17/2016 | Herman Phillips |

| | | | | | |
|--|----------------------------------|--------------|----|------------------------|---------------|
| LM Start | 6.42 | Rating ** | M | Issue No. | 8 |
| LM End | 6.55 | Issue Type + | Ma | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | 2015 USACE Erosion Survey, DRAFT | | | 38.431726 ° | 38.429957 ° |
| | | | | -121.533200 ° | -121.533035 ° |
| DWR ID | DWR_RD0307_01_s_2016_8 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| 2011 - Erosion pockets likely from tree popouts. This site has been in the inventory before and been fixed with emergency bank rock but continues to fail. 2015: No observed changes. [2015 Site ID: SAC_43-1_R] | | | | | |

Photo 1 of 1 : SP_2016_RD0307_166_8_20160223_00003.jpg



USACE 2013 Photo #1

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 6.54 | Rating ** | M | Issue No. | 91 |
| LM End | 6.54 | Issue Type + | En | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.430122 ° | 38.430122 ° |
| | | | | -121.533294 ° | -121.533294 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:17404 DS_ID:21707 EP_NO: 4096 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Gate valve inaccessible to do fallen tree debris on steel platform. FIELD_STRUCT_DESC: 36-inch steel drain pipe through the levee 6-feet below the crown. Gate valve located just off LS toe on Steel platform. Pumping plant and trash rack located 200-feet off LS toe. Flap gate on the waterward end (Permit No. 4096, 1962). Replaced 36-inch pipe that was grouted in place at same location. FS Date: 8/7/2013 | | | | | |

Photo 1 of 2 : UCIP_SP_2016_17404_29504.jpg



Pipe visible on LS toe to pumping plant 200-feet off LS toe.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0307 Lisbon

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Sacramento River | Right | 6.56 | 03/17/2016 03/17/2016 | Herman Phillips |

| | | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 6.54 | Rating ** | M | Issue No. | 91 (cont) | |
| LM End | 6.54 | Issue Type + | En | Location * | WS | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 38.430122 ° | 38.430122 ° | |
| | | | | -121.533294 ° | -121.533294 ° | |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:17404 | | | | | | |
| DS_ID:21707 | | | | | | |
| EP_NO: 4096 | | | | | | |
| Repair Type: Non-Urgent | | | | | | |
| Crossing Status: Found | | | | | | |
| UCIP Comments: Gate valve inaccessible to do fallen tree debris on steel platform. | | | | | | |
| FIELD_STRUCT_DESC: 36-inch steel drain pipe through the levee 6-feet below the crown. Gate valve located just off LS toe on Steel platform. Pumping plant and trash rack located 200-feet off LS toe. Flap gate on the waterward end (Permit No. 4096, 1962). Replaced 36-inch pipe that was grouted in place at same location. | | | | | | |
| FS Date: 8/7/2013 | | | | | | |

Photo 2 of 2 : UCIP_SP_2016_17404_29503.jpg



Animal activity/burrows under pipe on LS at various locations.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|